

JAN 10 2002

PATENT APPLICATION

DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION

ATTORNEY DOCKET NO. 30011265-1

As a below named inventor, I hereby declare that:

My residence/post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**Fault Tolerant Magnetoresistive Solid-State Storage Device**

The specification of which is attached hereto unless the following box is checked:

(X) was filed on Jul 25, 2001 as US Application No. or PCT International Application  
Number 09/915179 and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understood the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above. I acknowledge the duty to disclose all information which is material to patentability as defined in 37 CFR 1.56.

## Foreign Application(s) and/or Claim of Foreign Priority

I hereby claim foreign priority benefits under Title 35, United States Code Section 119 of any foreign application(s) for patent or inventor(s) certificate listed below and have also identified below any foreign application for patent or inventor(s) certificate having a filing date before that of the application on which priority is claimed:

COUNTRY	APPLICATION NUMBER	DATE FILED	PRIORITY CLAIMED UNDER 35 U.S.C. 119
			YES: _____ NO: _____
			YES: _____ NO: _____

## Provisional Application

I hereby claim the benefit under Title 35, United States Code Section 119(e) of any United States provisional application(s) listed below:

APPLICATION NUMBER	FILING DATE

## U. S. Priority Claim

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT International filing date of this application:

APPLICATION NUMBER	FILING DATE	STATUS (patented/pending/abandoned)

## POWER OF ATTORNEY:

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Customer Number 022879Place Customer  
Number Bar Code  
Label hereSend Correspondence to:  
HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P.O. Box 272480  
Fort Collins, Colorado 80527-2400

Direct Telephone Calls To:

Richard P Berg (Reg no 28,145)  
(323) 934 2300

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Inventor: James A DavisCitizenship: USAResidence: 2214 Grainmill Court Richmond VA 23233Post Office Address: SameInventor's Signature: James A DavisDate: 27/9/01COPY OF PAPERS  
ORIGINALLY FILED

**DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION (continued)**

ATTORNEY DOCKET NO. 30011265-1

Full Name of # 2 joint inventor: Kenneth J. Eldredge Citizenship: USResidence: 11111 Camas St Boise ID 83709Post Office Address: Same as residence

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of # 3 joint inventor: Jonathan Jedwab Citizenship: GBResidence: Flat 17 Parklands 27 Tyndalls Park Road Bristol, England BS8 1PQPost Office Address: Same as residence

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of # 4 joint inventor: Dominic P. McCarthy Citizenship: GBResidence: 1052 Sladky Ave Mountain View CA 94040 USA e-mail Dominic McCarthyPost Office Address: Same as residence

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of # 5 joint inventor: Stephen Morley Citizenship: GBResidence: 17 Hopkins Close Thornbury BRISTOL BS35 2PX GBPost Office Address: Same as residence

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of # 6 joint inventor: Kenneth Graham Paterson Citizenship: GBResidence: 12 Cotham Side Cotham, Bristol BS6 5TP Great BritainPost Office Address: Same as residence

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of # 7 joint inventor: Frederick A Pomer Citizenship: USResidence: 3234 Ramona St. Palo Alto California 94306Post Office Address: Same As Residence

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of # 8 joint inventor: Kenneth K Smith Citizenship: USResidence: 11776 W Rader Dr Boise, ID 83713Post Office Address: Same as residence

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION (continued)

ATTORNEY DOCKET NO. 30011265-01

Full Name of #9 joint inventor: Stewart R. Wyatt Citizenship: USResidence: 01476 Barnsdale Dr, Boise, ID 83704, USPost Office Address: Same as residence

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of #10 joint inventor: \_\_\_\_\_ Citizenship: \_\_\_\_\_

Residence: \_\_\_\_\_

Post Office Address: \_\_\_\_\_

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of #11 joint inventor: \_\_\_\_\_ Citizenship: \_\_\_\_\_

Residence: \_\_\_\_\_

Post Office Address: \_\_\_\_\_

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of #12 joint inventor: \_\_\_\_\_ Citizenship: \_\_\_\_\_

Residence: \_\_\_\_\_

Post Office Address: \_\_\_\_\_

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of #13 joint inventor: \_\_\_\_\_ Citizenship: \_\_\_\_\_

Residence: \_\_\_\_\_

Post Office Address: \_\_\_\_\_

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of #14 joint inventor: \_\_\_\_\_ Citizenship: \_\_\_\_\_

Residence: \_\_\_\_\_

Post Office Address: \_\_\_\_\_

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of #15 joint inventor: \_\_\_\_\_ Citizenship: \_\_\_\_\_

Residence: \_\_\_\_\_

Post Office Address: \_\_\_\_\_

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

# DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

ATTORNEY DOCKET NO. 80011265-1

As a below named inventor, I hereby declare that:

My residence/post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Fault Tolerant Magnetoresistive Solid-State Storage Device

The specification of which is attached hereto unless the following box is checked:

(X) was filed on Jul 25, 2001 as US Application No. or PCT International Application  
Number 09/915179 and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understood the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above. I acknowledge the duty to disclose all information which is material to patentability as defined in 37 CFR 1.56.

**Foreign Application(s) and/or Claim of Foreign Priority**

I hereby claim foreign priority benefits under Title 35, United States Code Section 119 of any foreign application(s) for patent or inventor(s) certificate listed below and have also identified below any foreign application for patent or inventor(s) certificate having a filing date before that of the application on which priority is claimed:

COUNTRY	APPLICATION NUMBER	DATE FILED	PRIORITY CLAIMED UNDER U.S.C. 119
			YES NO
			YES NO

**Provisional Application**

I hereby claim the benefit under Title 35, United States Code Section 119(e) of any United States provisional application(s) listed below:

APPLICATION NUMBER	FILING DATE

**U. S. Priority Claim**

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) filed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION NUMBER	FILING DATE	STATUS (patent, pending, abandoned)

**POWER OF ATTORNEY:**

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Customer Number 022879

Place Customer  
Number Bar Code  
Label here

Send Correspondence to:  
HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P.O. Box 272400  
Fort Collins, Colorado 80527-2400

Direct Telephone Calls To:

Richard P Berg (Reg no 28,145)  
(923) 934 2300

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Full Name of Inventor: James A DavisCitizenship: GBResidence: 2214 Grainmill Court Richmond VA 23233Post Office Address: same

Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

JAN 10 2002

PATENT APPLICATION

ATTORNEY DOCKET NO. 30011265-1

DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION

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APPLICATION NUMBER	FILING DATE

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APPLICATION NUMBER	FILING DATE	STATUS (published/pending/abandoned)

## POWER OF ATTORNEY:

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Customer Number 022879Place Customer  
Number Bar Code  
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HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P.O. Box 232400  
Fort Collins, Colorado 80527-2400Direct Telephone Calls To:  
Richard P Berg (Reg no 28,145)  
(323) 934 2300

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 4901 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Inventor: James A DavisCitizenship: GBResidence: 2214 Gralimill Court, Richmond VA 22233Post Office Address: same

Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION (continued)

ATTORNEY DOCKET NO. 30017265-1

Full Name of # 2 Joint Inventor: Kenneth J. Eldredge Citizenship: US  
 Residence: 11111 Camas St Boise ID 83709  
 Post Office Address: Same as residence  
 Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of # 3 Joint Inventor: Jonathan Jedwab Citizenship: GB  
 Residence: Flat 17 Parklands 27 Tyndalls Park Road Bristol, England BS8 1PQ  
 Post Office Address: Same as residence  
 Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of # 4 Joint Inventor: Dominic P. McCarthy Citizenship: GB  
 Residence: 1052 Slacky Ave Mountain View CA 94040 USA e-mail Dominic McCarthy  
 Post Office Address: Same as residence  
 Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of # 5 Joint Inventor: Stephen Morley Citizenship: GB  
 Residence: 17 Hopkins Close Thornbury BRISTOL BS35 2PX GB  
 Post Office Address: Same as residence  
 Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of # 6 Joint Inventor: Kenneth Graham Paterson Citizenship: GB  
 Residence: 12 Cottram Side Cotham, Bristol BS6 5TP Great Britain  
 Post Office Address: Same as residence  
 Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of # 7 Joint Inventor: Frederick A Perner Citizenship: US  
 Residence: 3234 Ramona St. Palo Alto California 94306  
 Post Office Address: Same As Residence  
 Inventor's Signature Frederick A. Perner Date Sept. 26, 2001

Full Name of # 8 Joint Inventor: Kenneth K Smith Citizenship: US  
 Residence: 11776 W Rader Dr Boise, ID 83713  
 Post Office Address: Same as residence  
 Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION (continued)

ATTORNEY DOCKET NO. 38611265-01

Full Name of #9 joint inventor: Stewart R. Wyatt Citizenship: USResidence: 01476 Barnstable Dr, Boise, ID 83764, USPost Office Address: Same as residence

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of #10 joint inventor: \_\_\_\_\_ Citizenship: \_\_\_\_\_

Residence: \_\_\_\_\_

Post Office Address: \_\_\_\_\_

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of #11 joint inventor: \_\_\_\_\_ Citizenship: \_\_\_\_\_

Residence: \_\_\_\_\_

Post Office Address: \_\_\_\_\_

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of #12 joint inventor: \_\_\_\_\_ Citizenship: \_\_\_\_\_

Residence: \_\_\_\_\_

Post Office Address: \_\_\_\_\_

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of #13 joint inventor: \_\_\_\_\_ Citizenship: \_\_\_\_\_

Residence: \_\_\_\_\_

Post Office Address: \_\_\_\_\_

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of #14 joint inventor: \_\_\_\_\_ Citizenship: \_\_\_\_\_

Residence: \_\_\_\_\_

Post Office Address: \_\_\_\_\_

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of #15 joint inventor: \_\_\_\_\_ Citizenship: \_\_\_\_\_

Residence: \_\_\_\_\_

Post Office Address: \_\_\_\_\_

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

## PATENT APPLICATION

DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION

ATTORNEY DOCKET NO. 30011265-1

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I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Fast-Forward, Magnetostrictive Solid State Storage Device

The specification of which is attached hereto unless the following box is checked:

(X) was filed on Jul 25, 2001 as US Application No. or PCT International Application  
Number 09/916179 and was amended on \_\_\_\_\_ (if applicable).

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COUNTRY	APPLICATION NUMBER	FILED DATE	PRIORITY CLAIMED UNDER 35 U.S.C. 119
			YES <input type="checkbox"/> NO <input type="checkbox"/>
			YES <input type="checkbox"/> NO <input type="checkbox"/>

## Provisional Application

I hereby claim the benefit under Title 35, United States Code Section 119(e) of any United States provisional application(s) listed below:

APPLICATION NUMBER	FILING DATE

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APPLICATION NUMBER	FILING DATE	U.S. Application(s) claiming priority

## POWER OF ATTORNEY:

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Customer Number 022879From Customer  
Number Bar Code  
Label hereSend Correspondence to:  
HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P.O. Box 272400  
Fort Collins, Colorado 80527-2400Direct Telephone Calls To:  
Richard P Berg (Reg no 28,145)  
(323) 934 2300

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Full Name of Inventor: James A Davis Citizenship: GBResidence: 2214 Grainmill Court Richmond VA 23233Post Office Address: same

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_



**DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION (continued)**
ATTORNEY DOCKET NO. **11265-1**

Full Name of # 2 Joint Inventor: Kerwath J. Eldredge Citizenship: US  
 Residence: 11111 Canyon St Boise ID 83709  
 Post Office Address: Same as residence  
 Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Full Name of # 3 Joint Inventor: Jonathan Jedwab Citizenship: GB  
 Residence: Flat 17 Parklands 27 Tyndalls Park Road Bristol, England BS8 1PQ  
 Post Office Address: Same as residence  
 Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Full Name of # 4 Joint Inventor: Dominic P. McCarthy Citizenship: GB  
 Residence: 1052 Shady Ave Mountain View CA 94040 USA e-mail Dominic McCarthy  
 Post Office Address: Same as residence  
 Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Full Name of # 5 Joint Inventor: Stephen Morley Citizenship: GB  
 Residence: 17 Hopkins Close Thornbury BRISTOL BS35 2PX GB  
 Post Office Address: Same as residence  
 Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Full Name of # 6 Joint Inventor: Kenneth Graham Paterson Citizenship: GB  
 Residence: 42 Cotham Side Cotham, Bristol BS6 3TP Great Britain  
 Post Office Address: Same as residence  
 Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Full Name of # 7 Joint Inventor: Frederick A Perner Citizenship: US  
 Residence: 3234 Ramona St. Palo Alto California 94306  
 Post Office Address: Same As Residence  
 Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Full Name of # 8 Joint Inventor: Kenneth K Smith Citizenship: US  
 Residence: 11776 W Rader Dr Boise, ID 83713  
 Post Office Address: Same as residence  
 Inventor's Signature: K. K. Smith Date: 10 / 25 / 01

DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION (continued)

ATTORNEY DOCKET NO. 30011265-01

Full Name of #9 Joint Inventor: Stewart R. Wyatt Citizenship: USResidence: 01476 Barnsdale Dr, Boise, ID 83704, USPost Office Address: Same as residenceInventor's Signature: [Signature] Date: 10/27/2001

Full Name of #10 Joint Inventor: \_\_\_\_\_ Citizenship: \_\_\_\_\_

Residence: \_\_\_\_\_

Post Office Address: \_\_\_\_\_

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of #11 Joint Inventor: \_\_\_\_\_ Citizenship: \_\_\_\_\_

Residence: \_\_\_\_\_

Post Office Address: \_\_\_\_\_

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of #12 Joint Inventor: \_\_\_\_\_ Citizenship: \_\_\_\_\_

Residence: \_\_\_\_\_

Post Office Address: \_\_\_\_\_

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of #13 Joint Inventor: \_\_\_\_\_ Citizenship: \_\_\_\_\_

Residence: \_\_\_\_\_

Post Office Address: \_\_\_\_\_

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of #14 Joint Inventor: \_\_\_\_\_ Citizenship: \_\_\_\_\_

Residence: \_\_\_\_\_

Post Office Address: \_\_\_\_\_

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of #15 Joint Inventor: \_\_\_\_\_ Citizenship: \_\_\_\_\_

Residence: \_\_\_\_\_

Post Office Address: \_\_\_\_\_

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

**DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION (continued)**ATTORNEY DOCKET NO. **30011265-1**

Full Name of # 2 Joint Inventor: Kenneth J. Eldredge Citizenship: US  
Residence: 11111 Camas St Boise ID 83709  
Post Office Address: Same as residence  
Inventor's Signature: *Kenneth J. Eldredge* Date: 11/2/2001

Full Name of # 3 Joint Inventor: Jonathan Jedwab Citizenship: GB  
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Residence: 11776 W Rader Dr Boise, ID 83713  
Post Office Address: Same as residence  
Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION (continued)**ATTORNEY DOCKET **30011265-01**Full Name of #9 Joint Inventor: Stewart R. Wyatt Citizenship: USResidence: 01476 Barnsdale Dr, Boise, ID 83704, USPost Office Address: Same as residence

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

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			YES: _____ NO: _____
			YES: _____ NO: _____

**Provisional Application**

I hereby claim the benefit under Title 35, United States Code Section 119(e) of any United States provisional application(s) listed below:

APPLICATION NUMBER	FILING DATE

**U. S. Priority Claim**

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION NUMBER	FILING DATE	STATUS (patented/pending/abandoned)

**POWER OF ATTORNEY:**

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Customer Number 022079Place Customer  
Number Bar Code  
Label hereSend Correspondence to:  
**HEWLETT-PACKARD COMPANY**  
Intellectual Property Administration  
P.O. Box 272480  
Fort Collins, Colorado 80527-2400

Direct Telephone Calls To:

Richard P Berg (Reg no 28,145)  
(323) 934 2300

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Inventor: James A DavisCitizenship: GBResidence: 2214 Grainmill Court Richmond VA 23233Post Office Address: same

Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

**DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION (continued)**

ATTORNEY DOCKET NO. 0011265-1

Full Name of # 2 Joint Inventor: Kenneth J. Eldredge Citizenship: USResidence: 11111 Camas St Boise ID 83709Post Office Address: Same as residence

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of # 3 Joint Inventor: Jonathan Jedwab Citizenship: GBResidence: Flat 17 Parklands 27 Tyndalls Park Road Bristol, England BS8 1PQPost Office Address: Same as residenceInventor's Signature *Jonathan Jedwab* Date 1 Oct 2001Full Name of # 4 Joint Inventor: Dominic P. McCarthy Citizenship: GBResidence: 1052 Stadky Ave Mountain View CA 94040 USA e-mail Dominic McCarthyPost Office Address: Same as residence

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of # 5 Joint Inventor: Stephen Morley Citizenship: GBResidence: 17 Hopkins Close Thornbury BRISTOL BS35 2PX GBPost Office Address: Same as residence

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of # 6 Joint Inventor: Kenneth Graham Paterson Citizenship: GBResidence: 12 Cotham Side Cotham, Bristol BS6 5TP Great BritainPost Office Address: Same as residence

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of # 7 Joint Inventor: Frederick A Perner Citizenship: USResidence: 3234 Ramona St. Palo Alto California 94306Post Office Address: Same As Residence

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of # 8 Joint Inventor: Kenneth K Smith Citizenship: USResidence: 11776 W Rader Dr Boise, ID 83713Post Office Address: Same as residence

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

**DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION (continued)**ATTORNEY DOCKET NO. 30011265-1Full Name of #9 joint inventor: Stewart R. Wyatt Citizenship: USResidence: 01476 Barnsdale Dr, Boise, ID 83704, USPost Office Address: Same as residence

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of #10 joint inventor: \_\_\_\_\_ Citizenship: \_\_\_\_\_

Residence: \_\_\_\_\_

Post Office Address: \_\_\_\_\_

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of #11 joint inventor: \_\_\_\_\_ Citizenship: \_\_\_\_\_

Residence: \_\_\_\_\_

Post Office Address: \_\_\_\_\_

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of #12 joint inventor: \_\_\_\_\_ Citizenship: \_\_\_\_\_

Residence: \_\_\_\_\_

Post Office Address: \_\_\_\_\_

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of #13 joint inventor: \_\_\_\_\_ Citizenship: \_\_\_\_\_

Residence: \_\_\_\_\_

Post Office Address: \_\_\_\_\_

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of #14 joint inventor: \_\_\_\_\_ Citizenship: \_\_\_\_\_

Residence: \_\_\_\_\_

Post Office Address: \_\_\_\_\_

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of #15 joint inventor: \_\_\_\_\_ Citizenship: \_\_\_\_\_

Residence: \_\_\_\_\_

Post Office Address: \_\_\_\_\_

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

PATE APPLICATION

JAN 10 2002

ATTORNEY DOCKET NO. 30011265-1

DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION  
& TRADE

As a below named inventor, I hereby declare that:

My residence/post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Fault Tolerant Magnetoresistive Solid-State Storage Device

The specification of which is attached hereto unless the following box is checked:

(X) was filed on Jul 25, 2001 as US Application No. or PCT International Application  
Number 09/915179 and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understood the contents of the above identified specification, including the claims, as amended by any amendment(s) referred to above. I acknowledge the duty to disclose all information which is material to patentability as defined in 37 CFR 1.56.

## Foreign Application(s) and/or Claim of Foreign Priority

I hereby claim foreign priority benefits under Title 35, United States Code Section 119 of any foreign application(s) for patent or inventor(s) certificate listed below and have also identified below any foreign application for patent or inventor(s) certificate having a filing date before that of the application on which priority is claimed:

COUNTRY	APPLICATION NUMBER	DATE FILED	PRIORITY CLAIMED UNDER 35 U.S.C. 119
			YES: _____ NO: _____
			YES: _____ NO: _____

## Provisional Application

I hereby claim the benefit under Title 35, United States Code Section 119(e) of any United States provisional application(s) listed below:

APPLICATION NUMBER	FILING DATE

## U. S. Priority Claim

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT International filing date of this application:

APPLICATION NUMBER	FILING DATE	STATUS (patented/pending/abandoned)

## POWER OF ATTORNEY:

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Customer Number 022879Place Customer  
Number Bar Code  
Label hereSend Correspondence to:  
HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P.O. Box 272400  
Fort Collins, Colorado 80527-2400

Direct Telephone Calls To:

Richard P Berg (Reg no 28,145)  
(323) 934 2300

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Full Name of Inventor: James A DavisCitizenship: GBResidence: 2214 Grainmill Court Richmond VA 23233Post Office Address: same

Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_




**DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION (continued)**ATTORNEY DOCKET NO. **30011265-1**Full Name of # 2 Joint Inventor: Kenneth J. Eldredge Citizenship: USResidence: 11111 Camas St Boise ID 83709Post Office Address: Same as residence

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of # 3 Joint Inventor: Jonathan Jedwab Citizenship: GBResidence: Flat 17 Parklands 27 Tyndalls Park Road Bristol, England BS8 1PQPost Office Address: Same as residence

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of # 4 Joint Inventor: Dominic P. McCarthy Citizenship: GBResidence: 1052 Stadky Ave Mountain View CA 94040 USA e-mail Dominic McCarthyPost Office Address: Same as residenceInventor's Signature  \_\_\_\_\_ Date 19 SEP 2001Full Name of # 5 Joint Inventor: Stephen Morley Citizenship: GBResidence: 17 Hopkins Close Thornbury BRISTOL BS35 2PX GBPost Office Address: Same as residence

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of # 6 Joint Inventor: Kenneth Graham Paterson Citizenship: GBResidence: 12 Cotham Side Cotham, Bristol BS6 5TP Great BritainPost Office Address: Same as residence

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of # 7 Joint Inventor: Frederick A Pernar Citizenship: USResidence: 3234 Ramona St. Palo Alto California 94306Post Office Address: Same As Residence

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of # 8 Joint Inventor: Kenneth K Smith Citizenship: USResidence: 11776 W Rader Dr Boise, ID 83713Post Office Address: Same as residence

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

**DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION (continued)**

ATTORNEY DOCKET NO. 30011265-1

Full Name of #9 Joint Inventor: Stewart R. Wyatt Citizenship: USResidence: 01476 Barnsdale Dr, Boise, ID 83704, USPost Office Address: Same as residence

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of #10 Joint Inventor: \_\_\_\_\_ Citizenship: \_\_\_\_\_

Residence: \_\_\_\_\_

Post Office Address: \_\_\_\_\_

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of #11 Joint Inventor: \_\_\_\_\_ Citizenship: \_\_\_\_\_

Residence: \_\_\_\_\_

Post Office Address: \_\_\_\_\_

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of #12 Joint Inventor: \_\_\_\_\_ Citizenship: \_\_\_\_\_

Residence: \_\_\_\_\_

Post Office Address: \_\_\_\_\_

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of #13 Joint Inventor: \_\_\_\_\_ Citizenship: \_\_\_\_\_

Residence: \_\_\_\_\_

Post Office Address: \_\_\_\_\_

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of #14 Joint Inventor: \_\_\_\_\_ Citizenship: \_\_\_\_\_

Residence: \_\_\_\_\_

Post Office Address: \_\_\_\_\_

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of #15 Joint Inventor: \_\_\_\_\_ Citizenship: \_\_\_\_\_

Residence: \_\_\_\_\_

Post Office Address: \_\_\_\_\_

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

JAN 10 2002

PAT APPLICATION

DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION

ATTORNEY DOCKET NO. 30011265-1

As a below named inventor, I hereby declare that:

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I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Fault Tolerant Magnetoresistive Solid-State Storage Device

The specification of which is attached hereto unless the following box is checked:

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Number 09/915179 and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understood the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above. I acknowledge the duty to disclose all information which is material to patentability as defined in 37 CFR 1.56.

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COUNTRY	APPLICATION NUMBER	DATE FILED	PRIORITY CLAIMED UNDER 35 U.S.C. 119
			YES: _____ NO: _____
			YES: _____ NO: _____

## Provisional Application

I hereby claim the benefit under Title 35, United States Code Section 119(e) of any United States provisional application(s) listed below:

APPLICATION NUMBER	FILING DATE

## U. S. Priority Claim

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION NUMBER	FILING DATE	STATUS (patented/pending/abandoned)

## POWER OF ATTORNEY:

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Customer Number 022879Place Customer  
Number Bar Code  
Label hereSend Correspondence to:  
HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P.O. Box 272400  
Fort Collins, Colorado 80527-2400Direct Telephone Calls To:  
Richard P Berg (Reg no 28,145)  
(323) 934 2300

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Inventor: James A DavisCitizenship: GBResidence: 2214 Grainmill Court Richmond VA 23233Post Office Address: same

Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

## FOR PATENT APPLICATION (continued)

Full Name of # 2 Joint Inventor: Kenneth J. Edredge Citizenship: USResidence: 11111 Camas St Boise ID 83709Post Office Address: Same as residence

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of # 3 Joint Inventor: Jonathan Jedwab Citizenship: GBResidence: Flat 17 Parklands 27 Tyndalls Park Road Bristol, England BS8 1PQPost Office Address: Same as residence

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of # 4 Joint Inventor: Dominic P. McCarthy Citizenship: GBResidence: 1052 Sladky Ave Mountain View CA 94040 USA e-mail Dominic McCarthyPost Office Address: Same as residence

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of # 5 Joint Inventor: Stephen Marley Citizenship: GBResidence: 17 Hopkins Close Thornbury BRISTOL BS35 2PX GBPost Office Address: Same as residenceInventor's Signature Stephen Marley Date 8th Sept 01.Full Name of # 6 Joint Inventor: Kenneth Graham Paterson Citizenship: GBResidence: 12 Cotham Side Cotham, Bristol BS6 5TP Great BritainPost Office Address: Same as residence

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of # 7 Joint Inventor: Frederick A Perner Citizenship: USResidence: 3234 Ramona St. Palo Alto California 94306Post Office Address: Same As Residence

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of # 8 Joint Inventor: Kenneth K Smith Citizenship: USResidence: 11776 W Rader Dr Boise, ID 83713Post Office Address: Same as residence

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

**DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION (continued)****ATTORNEY DOCKET NO. 30011265-1**Full Name of #9 joint inventor: Stewart R. Wyatt Citizenship: USResidence: 01476 Barnsdale Dr, Boise, ID 83704, USPost Office Address: Same as residence

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of #10 joint inventor: \_\_\_\_\_ Citizenship: \_\_\_\_\_

Residence: \_\_\_\_\_

Post Office Address: \_\_\_\_\_

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of #11 joint inventor: \_\_\_\_\_ Citizenship: \_\_\_\_\_

Residence: \_\_\_\_\_

Post Office Address: \_\_\_\_\_

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of #12 joint inventor: \_\_\_\_\_ Citizenship: \_\_\_\_\_

Residence: \_\_\_\_\_

Post Office Address: \_\_\_\_\_

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of #13 joint inventor: \_\_\_\_\_ Citizenship: \_\_\_\_\_

Residence: \_\_\_\_\_

Post Office Address: \_\_\_\_\_

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of #14 joint inventor: \_\_\_\_\_ Citizenship: \_\_\_\_\_

Residence: \_\_\_\_\_

Post Office Address: \_\_\_\_\_

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of #15 joint inventor: \_\_\_\_\_ Citizenship: \_\_\_\_\_

Residence: \_\_\_\_\_

Post Office Address: \_\_\_\_\_

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

JAN 10 2002

PATENT APPLICATION

DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION

ATTORNEY DOCKET NO. 30011265-1

As a below named inventor, I hereby declare that:

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Fault Tolerant Magnetoresistive Solid-State Storage Device

the specification of which is attached hereto unless the following box is checked:

(X) was filed on Jul 25, 2001 as US Application No. or PCT International Application  
Number 09/015179 and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understood the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above. I acknowledge the duty to disclose all information which is material to patentability as defined in 37 CFR 1.56.

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COUNTRY	APPLICATION NUMBER	DATE FILED	PRIORITY CLAIMED UNDER 35 U.S.C. 119
			YES: _____ NO: _____
			YES: _____ NO: _____

## Provisional Application

I hereby claim the benefit under Title 35, United States Code Section 119(e) of any United States provisional application(s) listed below:

APPLICATION NUMBER	FILING DATE

## U. S. Priority Claim

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT International filing date of this application:

APPLICATION NUMBER	FILING DATE	STATUS (patented/pending/abandoned)

## POWER OF ATTORNEY:

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Customer Number 022879Place Customer  
Number Bar Code  
Label hereSend Correspondence to:  
HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P.O. Box 272408  
Fort Collins, Colorado 80527-2400

Direct Telephone Calls To:

Richard P Berg (Reg no 28,145)  
(323) 934 2300

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Inventor: James A DavisCitizenship: GBResidence: 2214 Grainmill Court Richmond VA 23233Post Office Address: same

Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

**DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION (continued)**

ATTORNEY DOCKET NO. 30011265-1

Full Name of # 2 Joint Inventor: Kenneth J. Eldredge Citizenship: USResidence: 11111 Camas St Boise ID 83709Post Office Address: Same as residence

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of # 3 Joint Inventor: Jonathan Jedwab Citizenship: GBResidence: Flat 17 Parklands 27 Tyndalls Park Road Bristol, England BS8 1PQPost Office Address: Same as residence

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of # 4 Joint Inventor: Dominic P. McCarthy Citizenship: GBResidence: 1052 Sladdy Ave Mountain View CA 94040 USA e-mail Dominic McCarthyPost Office Address: Same as residence

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of # 5 Joint Inventor: Stephen Morley Citizenship: GBResidence: 17 Hopkins Close Thornbury BRISTOL BS35 2PX GBPost Office Address: Same as residence

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of # 6 Joint Inventor: Kenneth Graham Paterson Citizenship: GBResidence: ~~12 Cotham Side Cotham, Bristol BS6 5TP Great Britain~~ *KGP*Post Office Address: Same as residence 13 VICARAGE RD, TEDDINGTON, MIDDLESEX, TW11 8EZInventor's Signature *Kenneth Graham Paterson* Date 20/9/2001Full Name of # 7 Joint Inventor: Frederick A Perner Citizenship: USResidence: 3234 Ramona St. Palo Alto California 94306Post Office Address: Same As Residence

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of # 8 Joint Inventor: Kenneth K Smith Citizenship: USResidence: 11776 W Rader Dr Boise, ID 83713Post Office Address: Same as residence

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

**DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION (continued)**

ATTORNEY DOCKET NO. 30011265-1

Full Name of #9 joint inventor: Stewart R. Wyatt Citizenship: USResidence: 01476 Barnsdale Dr, Boise, ID 83704, USPost Office Address: Same as residence

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of #10 joint inventor: \_\_\_\_\_ Citizenship: \_\_\_\_\_

Residence: \_\_\_\_\_

Post Office Address: \_\_\_\_\_

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of #11 joint inventor: \_\_\_\_\_ Citizenship: \_\_\_\_\_

Residence: \_\_\_\_\_

Post Office Address: \_\_\_\_\_

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of #12 joint inventor: \_\_\_\_\_ Citizenship: \_\_\_\_\_

Residence: \_\_\_\_\_

Post Office Address: \_\_\_\_\_

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of #13 joint inventor: \_\_\_\_\_ Citizenship: \_\_\_\_\_

Residence: \_\_\_\_\_

Post Office Address: \_\_\_\_\_

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of #14 joint inventor: \_\_\_\_\_ Citizenship: \_\_\_\_\_

Residence: \_\_\_\_\_

Post Office Address: \_\_\_\_\_

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of #15 joint inventor: \_\_\_\_\_ Citizenship: \_\_\_\_\_

Residence: \_\_\_\_\_

Post Office Address: \_\_\_\_\_

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_